

Amendments to the Claims:

Claim 1. (Currently amended) In a mobile vehicle having a wheeled chassis carrying an engine driving said wheels and including an electrical system of at least 12 volts capacity, said vehicle adapted to carry temperature sensitive components which require a certain range of temperatures, the improvement comprising an integral temperature controlled compartment ~~adapted to connect~~ connected to said vehicle electrical system, said compartment having insulated walls with a mechanical refrigerating unit operated by an electrically powered compressor mounted on said compartment to provide a portion of said certain range of temperatures for said compartment, an electrical heating unit mounted on said compartment to provide a portion of said certain range of temperatures for said compartment, said compartment having a temperature sensor, and a door mounted on a wall of said compartment to selectively gain access to the interior of said compartment.

Claim 2. (Currently amended) The temperature controlled compartment In a mobile vehicle of claim 1 wherein said electrical heating unit includes resistance coils, said mechanical refrigerating unit and said electric heating unit are electronically controlled by computer connected to said vehicle

electrical system, said computer programmed with said certain range of temperatures, said computer connected to said temperature sensor, said temperature sensor signaling said computer as to the temperature in said compartment, said computer activating said refrigerating unit or said electrical heating unit in response to said temperature sensor signal to maintain said compartment within said certain range of temperatures.

Claim 3. (Cancelled)

Claim 4. (Currently amended) ~~The temperature controlled compartment of In a mobile vehicle of claim 2 wherein a certain temperature may be selected within said certain range and programmed into said computer, said vehicle electrical system includes a horn, said temperature sensor is connected to said horn, said computer programmed to activate said horn said horn activated by when said temperature sensor when the temperature in said compartment reaches a certain level said certain temperature.~~

Claim 5. (Cancelled)

Claim 6. (Currently amended) ~~The temperature controlled compartment In a mobile vehicle of claim 1 wherein said~~

door has a latch, said latch is connected to said computer, said computer is connected to an electronic printer, said printer making a written record of the date, time, and temperature in said compartment when said latch is operated, said printer recording the duration of time the door is ajar.

Claim 7. (Currently amended) ~~The temperature controlled compartment~~ In a mobile vehicle of claim 6 wherein said printer has an audible alarm, said alarm activated when the temperature in said compartment is outside said certain range of temperatures, said printer making a written record of the time, date and length of time said temperature is outside said certain range of temperatures.

Claim 8. (Currently amended) ~~The temperature controlled compartment~~ In a mobile vehicle of claim 1 wherein an electronic printer is connected to said compartment computer, said printer including an audible alarm, said alarm activated when the temperature in said compartment is outside said certain range of temperatures, said printer making a written record of the time, date and length of time said temperature is outside said certain range of temperatures.

Claim 9. (Currently amended) ~~The temperature controlled compartment~~ In a mobile vehicle of claim 2 wherein said door has a latch, said latch is connected to said computer, said computer recording the date, time and temperature in said compartment when said latch is operated, said computer recording the duration of time said door is ajar.

Claim 10. (Currently amended) ~~The temperature controlled compartment~~ In a mobile vehicle of ~~claim 2~~ claim 1 wherein said computer includes a soft start program for operating said refrigerating unit and said electrical heating unit without a power surge in said electrical system.

Claim 11. (Currently amended) ~~The temperature controlled compartment~~ In a mobile vehicle of ~~claim 2~~ claim 1 wherein said interior of said compartment is from approximately two cubic feet to approximately four cubic feet and said mounting space in said vehicle is from approximately 18 inches in depth, 20 inches in height and 17.75 inches in width to approximately 26.625 inches in depth, 20.5 inches in height and 17.75 inches in width.

Claim 12. (Withdrawn) A small, portable, light weight, self contained, electrically powered, temperature controlled storage container, adapted for vehicular mount and operation by the electrical system of a vehicle, said storage container having insulated walls enclosing an interior space, a door on one of said walls for selectively gaining access to said interior space, said storage container having an electrically operated micro compressor mounted thereon driving a mechanical refrigerating system cooling said interior of said storage container, said storage container having electrical heating elements mounted thereon heating said interior of said storage container, a temperature sensor connected to said compartment indicating the temperature in said interior space, said temperature sensor connected to a computer, said refrigerating system and said heating elements connected to said computer, said computer controlling the operation of said refrigerating system and said heating elements, said computer programmed with parameters including a high temperature limit and a low temperature limit defining a certain range of temperatures, said computer activating said refrigerating system or said heating elements to maintain said temperature in said interior space within said certain range of temperatures.

Claim 13. (Withdrawn) The storage container of claim 12

wherein said computer is programmed with parameters including recording the temperature, time, date and length of time that said temperature is said interior space is outside said certain range of temperatures.

Claim 14. (Withdrawn) The storage container of claim 13 wherein said computer is connected to said door, said computer programmed with parameters including recording the time, date and temperature in said interior space of said container when said door is open.

Claim 15. (Withdrawn) The storage container of claim 14 wherein said computer is programmed with parameters including recording the length of time said door is open.

Claim 16. (Withdrawn) The storage container of claim 15 wherein said computer is connected to a printer, said printer producing a permanent record of said parameters.

Claim 17. (Withdrawn) The storage container of claim 15 wherein said interior space is from approximately 2 cubic feet to approximately 4 cubic feet and said weight is from approximately 25 pounds to approximately 45 pounds.

NEW CLAIMS

Claim 18. (New) In a mobile vehicle of claim 1 wherein the electrical connection between said vehicle electrical system and said temperature controlled compartment includes an elongated power cord connected at one end to said compartment and at the other end to a removable adapter.